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Attorney Docket No.: 8194-723

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Arslan et al.

Application Serial No.: 10/716,085

Group Art Unit: 2631

Filed: November 18, 2003

Confirmation No.: 4858

For: METHODS AND APPARATUS FOR PRE-FILTERING A SIGNAL TO  
INCREASE SIGNAL-TO-NOISE RATIO AND DECORRELATE NOISE

September 7, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST TO CORRECT INVENTORSHIP  
UNDER 37 C.F.R. § 1.48 AND 35 U.S.C. § 116**

Sir:

Pursuant to 37 C.F.R. 1.48(a), please add inventors **Rajaram Ramesh** of 403  
**Danton Drive, Cary, North Carolina 27511** and **Dennis Hui** of 102 Chaps Ct., Cary,  
**North Carolina 27513**, as inventors to the above-identified application. In support of this  
petition are included:

- (a) A check in the amount of \$130.00 for the processing fee under 37 C.F.R. 1.17(i) to correct inventorship);
- (b) A verified statement by the *added inventors* that the error in inventorship occurred without deceptive intention on their part;
- (c) A Consent of Assignee duly executed by the assignee; and
- (d) An executed Substitute Declaration and Power of Attorney.

The joint inventors were omitted as a result of error and without deceptive intention. The joint inventors, **Rajaram Ramesh and Dennis Hui**, were omitted as a result of judgment by the Agent that there **were** sufficient facts at the time of filing to add him as an inventor. Only after the application had been filed was it conclusively discovered that the **unnamed** inventors had been potentially **omitted** in error. Upon reviewing the claims as drafted and reviewing the facts, it was decided that **Rajaram Ramesh and Dennis Hui** were joint inventors as to some of the claims, and thus, should be added to appropriately correct the Inventorship. A mistake of judgment concerning the proper inventive entity can constitute a correctable "error" within the meaning of 35 C.F.R. § 116. *In re Schmidt*, 130 U.S.P.Q. 404 (C.C.P.A. 1961). Further, the proper inventive entity need not be conclusively

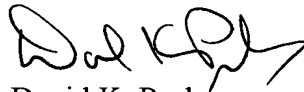
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Page 2

proved "so long as the existence of error without deceptive intention is satisfactorily demonstrated." In re Searles, 164 U.S.P.Q. 623, 628 (C.C.P.A. 1970).

Therefore, it is respectfully requested that the **omitted** inventors be **added** to correct the inventorship.

Respectfully submitted,

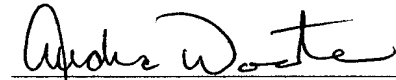


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**Certificate of Mailing under 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 7, 2004.



Audra Wooten



Attorney Docket No.: 8194-723

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**VERIFIED STATEMENT**  
**UNDER 37 C.F.R. § 1.48(a) by ~~Abha~~ Rajaram Ramesh**

Sir:

Pursuant to 37 C.F.R. § 1.48(a), I state that the error in omitting me as an inventor on this application arose without any deceptive intent on my part.

Respectfully submitted,

  
↓ Abha Rajaram Ramesh

8-2-2004  
Date



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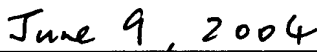
**VERIFIED STATEMENT**  
**UNDER 37 C.F.R. § 1.48(a) by Dennis Hui**

Sir:

Pursuant to 37 C.F.R. § 1.48(a), I state that the error in omitting me as an inventor on this application arose without any deceptive intent on my part.

Respectfully submitted,

  
\_\_\_\_\_  
Dennis Hui

  
\_\_\_\_\_  
Date



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CONSENT OF ASSIGNEE TO CHANGE INVENTORSHIP  
UNDER § 1.48(a)



Sir:

The below-named officer who represents Telefonaktiebolaget L.M. Ericsson, the assignee of the above-identified application, hereby consents to the amendment of the patent application under 37 C.F.R. § 1.48(a), to add the following joint inventors:

Abha Rajaram Ramesh  
403 Danton Drive  
Cary, North Carolina 27511  
Citizen of the United States of America

Dennis Hui  
102 Chaps Ct.  
Cary, North Carolina 27513  
Citizen of China

Respectfully submitted,  
Telefonaktiebolaget L.M. Ericsson

   
\_\_\_\_\_  
Signature

Tage Lövgren                      Monica Magnusson  
~~Director, Licensing~~      ~~Director, Patent~~  
Title and Patent Developm.      Unit Radio Networks

August 6      2004  
\_\_\_\_\_  
Date